b) $p(\bar{M} \cap C) = p(C/\bar{M}) \cdot p(\bar{M})$

$= 0,75 \times \frac{2}{3} = \boxed{\frac{1}{2}}$

c) $p(C) = p(C \cap M) + p(C \cap \bar{M})$

$= \frac{4}{15} + \frac{1}{2} = \boxed{\frac{23}{30}}$

3) $p(E) = p(M/C)$

$= \frac{p(M \cap C)}{p(C)} = \frac{\frac{4}{15}}{\frac{23}{30}} = \boxed{\frac{8}{23}}$

Qarray.tn -Aqra Blech- Qarray.tn
Qarray.tn -Aqra Blech- Qa